

FRESNO, CALIFORNIA

CLASS SPECIFICATION

WASTEWATER FIELD MAINTENANCE HEAVY EQUIPMENT OPERATOR

Deleted: SPECIALIST

FLSA STATUS:

Non-Exempt

CLASS SUMMARY:

The Wastewater Field Maintenance Heavy Equipment Operator is the third level in a four level Utilities Wastewater Treatment Field Maintenance series. Incumbents are responsible for performing advanced activities in a specialized area of assignment associated with operating a variety of heavy equipment in the construction, rehabilitation and maintenance of infiltration ponds to achieve the development, control, and/or distribution of treated effluent water.

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Distinguishing characteristics within the class, based upon assignment are, focus on heavy equipment operations involving the analysis of construction sites, excavation, and the development of properties into infiltration ponds or wastewater field maintenance activities involving maintaining the appearance of grounds and facilities, controlling and distributing treated effluent water, to insure the efficient distribution of effluent.

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Deleted: controlling and distributing treated effluent water or by its responsibility for operating light and heavy equipment

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Deleted: Technician

Deleted: Senior Wastewater Field Maintenance Specialist,

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The Wastewater Field Maintenance Heavy Equipment Operator is distinguished from the Wastewater Field Maintenance Specialist, by its responsibility for performing journey level activities associated with the operation of a variety of heavy equipment in the construction, rehabilitation and maintenance of the wastewater facilities, grounds, infiltration systems or related systems. The Wastewater Field Maintenance Heavy Equipment Operator is distinguished from the Senior Wastewater Field Maintenance Specialist which is responsible as lead worker, for making work assignments, overseeing the work of other lower level classifications in the Wastewater Field Maintenance Series, including providing training, ordering and distributing supplies, preparing reports, and performing administrative tasks in the absence of the supervisor.

TYPICAL CLASS ESSENTIAL DUTIES: (These duties are a representative sample; position assignments may vary.)

FRE- QUENCY

- Participates in the construction, rehabilitation and maintenance of roads, canals, ponds, landscaped areas, road right-of-ways, and/or other field items which, depending on area of assignment, including operating a variety of construction equipment, heavy tractors, and/or other related equipment.
- Performs journey level installation, maintenance and repairs on gates, facilities, sanitary sewer systems, transfer stations, infiltration systems, equipment, and/or other applicable items.
- Compiles, prepares, and maintains a variety of records associated with wastewater field maintenance activities and/or observations.

Daily
75%

Weekly
25%

Daily
15%

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4.	Performs other duties of a similar nature or level.	As Required
5.	Operates and performs preventive maintenance on backhoes, motor graders, articulating front end loaders, dump trucks, dozer, twenty three yard paddle wheel scraper, excavator, water wagon, water truck, mobile crane truck, compacters and heavy agricultural 4x4 tractors.	Daily 75%
6.	Performs analysis of construction sites, estimates materials, knowledge of laser guided equipment to set proper grades and slopes to achieve necessary drainage of construction sites, roadways, pipelines and infiltration ponds.	Weekly 15% - 20%

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POSITION SPECIFIC RESPONSIBILITIES MIGHT INCLUDE:

- ~~Leading and participating in rodent, insect, and weed control activities;~~
- Maintaining maximum efficiency of the infiltration systems.
- ~~Estimating types and amounts of materials required for maintenance activities;~~
- Reporting equipment malfunctions and requesting maintenance service;
- Operating a variety of heavy equipment for the construction and maintenance of streets, alleys, concrete improvements, drainage facilities, water distribution facilities, sanitary sewer systems, transfer stations, wastewater infiltration and reclamation facilities, and/or other applicable facilities.

Deleted: Positions assigned to Wastewater Distribution may be responsible for:¶

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Positions assigned to Heavy Equipment Operations may be responsible for:¶

Training and Experience (positions in this class typically require):

- Two years journey level experience in the operation of heavy construction, agricultural and related equipment with complex operating requirements and knowledge of laser guided equipment in the maintenance of wastewater facilities grounds, infiltration systems or related systems is required;
- OR
- An equivalent combination of education and experience sufficient to successfully perform the essential duties of the job such as those listed above.

Licensing Requirements (positions in this class typically require):

- Commercial Class A License, Commercial Class B with airbrake endorsements
- ~~Mobile Crane Certification~~
- Qualified Applicator Certificate

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Knowledge (position requirements at entry):

Knowledge of:

- Advanced wastewater field maintenance and repair principles and techniques;
- Soil conditions related to water dispersal, excavations and trenching;
- Recordkeeping principles and practices;
- Applicable tools and equipment utilized in assigned area or responsibility;
- Principles, policies, practices and operations in assigned area of responsibility;
- Safe work practices and procedures.

Skills (position requirements at entry):

Skill in:

- Using and maintaining applicable tools, equipment, vehicles, and hardware and software related to job duties
- Preparing, analyzing, and maintaining operational records
- Safely operating and maintaining applicable tools and equipment
- Ability to lead a small group of unskilled or semi-skilled workers
- Reading and interpreting blueprints, schematics, and other technical drawings related to job duties
- Communication, interpersonal skills as applied to interaction with coworkers, supervisor, the general public, business, organizations, elected and appointed officials, media, etc. sufficient to exchange or convey information, give/receive work direction

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Physical Requirements:

Positions in this class typically require: feeling, finger dexterity, grasping, hearing, repetitive motions, seeing, talking, bending, kneeling, lifting, reaching, standing, stooping, walking, balancing, climbing, crawling, crouching, pulling and pushing.

Very Heavy Work: Exerting up to 100 pounds of force occasionally, and/or in excess of 50 pounds of force frequently, and/or in excess of 20 pounds of force constantly to move objects.

Incumbents may be subjected to moving mechanical parts, electrical hazards, vibrations, fumes, odors, dusts, poor ventilation, adverse weather conditions, environmental hazards, gasses, chemicals, oils, work space restrictions, inadequate lighting and intense noises.

Note:

The above job description is intended to represent only the key areas of responsibilities; specific position assignments will vary depending on the business needs of the department.

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Draft prepared by Fox Lawson & Associates (LM)

Date: 12/2007